

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Kazuhiko SHIRAKAWA Conf.:
Appl. No.: NEW Group:
Filed: August 1, 2003 Examiner:
For: HETEROJUNCTION BIPOLAR TRANSISTOR AND
METHOD FOR FABRICATING THE SAME

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION WITH CONTINUATION-IN-PART OR
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 1, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).
09/641,819

U.S. Filing Date(s)
August 18, 2000

III. FEES

This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
Charles Gorenstein, #29,271

RWD
CG/RWD/ndb
0020-5153P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachment(s) : ☒ PTO-1449(s)
☐ References
☐ Foreign Search Report
☐ Other:

(Rev. 04/29/03)

Form PTO-1449	ATTY DOCKET NO. 0020-5153P	APPLICATION NO. NEW
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	APPLICANT Kazuhiko SHIRAKAWA	
	FILING DATE August 1, 2003	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 4,939,562		1990-07-03	Adlerstein			
	US 5,198,964		1993-03	Ito et al.	361	386	
	US 5,734,193		1998-03	Bayraktaroglu et al.	257	579	
	US 5,864,169		1999-01	Shimura et al.	257	587	
	US 0,055,955	A1	2001-12	Wagemans	455	226.4	
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	EP	0 693 778	A2	1996-01-24	EUROPE				
	EP	0 907 206	A1	1999-04-07	EUROPE				
	JP	08-279562	A	1996-10-22	JAPAN				
	DE	0 0382 5979	A1	1990-02	GERMANY				
	JP	40 620 9058	A	1994-07	JAPAN				
	JP	40 621 6270	A	1994-08	JAPAN				
	JP	8 279 562	A	1996-10-22	JAPAN				

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

William H. Hayt, Jr., Engineering Electromagnetics 1989, McGraw-Hill, Inc., Fifth Edition, PP. 229-231

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.